

INDUSTRIAL OR DOMESTIC LOCAL NETWORK

Abstract

The exchange of frames over a network between devices. Each device comprises a communication circuit connected to a processing unit and comprises addresses, each one being associated with a transmission or reception indicator, a single device
5 comprising a same address associated with a transmission indicator. Each address is associated with a memory containing a frame. A master device periodically transmits transmission indicator addresses. The communication circuit of the device for which the transmitted address is associated with a transmission
10 indicator transmits the frame of the memory to said address and provide the processing unit with an identifier of said address. Each communication circuit of a device for which the transmitted address is associated with a reception indicator writes said frame into the memory at said address and provides the
15 processing unit with an identifier of said address.